

Appendix B

**USPTO PATENT FULL-TEXT AND IMAGE DATABASE**

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**Results of Search in 1976 to present db for:**

**"TRANSMISSION ELECTRON MICROSCOPY": 3399 patents.**

*Hits 751 through 800 out of 3399*

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- 764 6,228,248 **T** Biomimetic pathways for assembling inorganic thin films and oriented mesoscopic silicate patterns through guided growth
- 765 6,228,117 **T** Device for tissue engineering bone
- 766 6,225,412 **T** Plastic toughened plastics
- 767 6,225,192 **T** Method of producing a thin layer of semiconductor material
- 768 6,225,041 **T** Silver halide photographic emulsion and silver halide photographic light sensitive material
- 769 6,224,881 **T** DNA molecule fragments encoding for cellular uptake of Mycobacterium tuberculosis and uses thereof
- 770 6,224,739 **T** Process for preparing solvent-stabilized metal colloids and substrate-immobilized metal clusters
- 771 6,223,961 **T** Apparatus for cleaving crystals
- 772 6,221,471 **T** Rubber modified monovinylidene aromatic polymer blends
- 773 6,221,440 **T** Process for plating metal coating
- 774 6,221,330 **T** Process for producing single wall nanotubes using unsupported metal catalysts
- 775 6,221,275 **T** Enhanced heat transfer using nanofluids
- 776 6,221,154 **T** Method for growing beta-silicon carbide nanorods, and preparation of patterned field-emitters by chemical vapor depositon (CVD)
- 777 6,218,663 **T** Process and device for ion thinning in a high resolution transmission electron microscope
- 778 6,218,594 **T** Guinea pig model for leiomyomas
- 779 6,218,360 **T** Collagen based biomaterials and methods of preparation and use
- 780 6,218,356 **T** Neural receptor tyrosine kinase
- 781 6,218,324 **T** Ceramic composites containing weak interfaces with ABO<sub>4</sub> tungstate, molybdate, tantalate, and niobate phases
- 782 6,218,141 **T** High molecular weight surface proteins of non-typeable haemophilus
- 783 6,218,095 **T** Silver halide color photographic photosensitive material
- 784 6,217,843 **T** Method for preparation of metal intercalated fullerene-like metal chalcogenides
- 785 6,217,416 **T** Chemical mechanical polishing slurry useful for copper/tantalum substrates
- 786 6,215,248 **T** Germanium emitter electrodes for gas ionizers
- 787 6,215,061 **T** Photoconductive thin film, and photovoltaic device making use of the same
- 788 6,214,936 **T** Use of microphase-separated polymer blends for the preparation of permeable membranes
- 789 6,214,543 **T** DNA molecule encoding for cellular uptake of Mycobacterium tuberculosis and uses thereof
- 790 6,214,422 **T** Method of forming a hybrid polymer film
- 791 6,214,331 **T** Process for the preparation of aqueous dispersions of particles of water-soluble polymers and the particles obtained
- 792 6,214,309 **T** Sinterable carbides from oxides using high energy milling
- 793 6,214,178 **T** Focused ion beam formation of angled optoelectronic devices
- 794 6,211,536 **T** Semiconductor device having improved crystal orientation
- 795 6,211,431 **T** Plant transcription regulators from circovirus

796 6,211,416 **T** Method for producing enol ethers

797 6,211,298 **T** Rubber modified monovinylidene aromatic polymer compositions

798 6,211,287 **T** Particle formation process and marking materials thereof

799 6,210,952 **T** Bacillus thuringiensis mutants which produce higher yields of crystal delta-endotoxin than their corresponding parental strains

800 6,210,889 **T** Method for enrichment of fetal cells from maternal blood and use of same in determination of fetal sex and detection of chromosomal abnormalities

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**Results of Search in 1976 to present db for:**

**"TRANSMISSION ELECTRON MICROSCOPY": 3399 patents.**

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PAT. NO.	Title
3351 4,151,686	<b>T</b> <u>Silicon carbide and silicon bonded polycrystalline diamond body and method of making it</u>
3352 4,149,915	<b>T</b> <u>Process for producing defect-free semiconductor devices having overlapping high conductivity impurity regions</u>
3353 4,149,074	<b>T</b> <u>Detector for a scanning transmission-type electron microscope</u>
3354 4,138,383	<b>T</b> <u>Preparation of small bio-compatible microspheres</u>
3355 4,129,462	<b>T</b> <u>Gamma prime hardened nickel-iron based superalloy</u>
3356 4,128,765	<b>T</b> <u>Ion beam machining techniques and apparatus</u>
3357 4,127,558	<b>T</b> <u>Compositions of a polyphenylene ether resin and alkenyl aromatic resins modified with EPDM rubber containing propylene</u>
3358 4,127,416	<b>T</b> <u>Method of producing a ceramic product</u>
3359 4,125,406	<b>T</b> <u>Alumina-chromia-metal (IV) oxide refractory fibers having a microcrystalline phase</u>
3360 4,124,401	<b>T</b> <u>Polycrystalline diamond body</u>
3361 4,123,396	<b>T</b> <u>Impregnated metal-polymeric functional beads</u>
3362 4,119,840	<b>T</b> <u>Fast acting gain photocurrent device</u>
3363 4,118,222	<b>T</b> <u>Glassy hafnium-beryllium alloys</u>
3364 4,116,994	<b>T</b> <u>Hydrocarbon synthesis from CO and H<sub>2</sub> using Rh supported on titanium oxides</u>
3365 4,115,228	<b>T</b> <u>Method of making secondary-electron emitters</u>

- 3366 [4,110,084](#) **T** [Composite of bonded cubic boron nitride crystals on a silicon carbide substrate](#)
- 3367 [4,106,939](#) **T** [Imaging and recording of information utilizing a tellurium tetrahalide complex of an aromatic amine](#)
- 3368 [4,105,598](#) **T** [Cell specific, variable density, polymer microspheres](#)
- 3369 [4,102,850](#) **T** [High impact polyphenylene ether resin compositions containing mineral oil](#)
- 3370 [4,101,505](#) **T** [Compositions of a polyphenylene ether resin and EPDM rubber-modified alkenyl aromatic resins having specified gel content](#)
- 3371 [4,101,504](#) **T** [High impact compositions of a polyphenylene ether resin and alkenyl aromatic resins modified with EPDM rubber](#)
- 3372 [4,101,503](#) **T** [Compositions of a polyphenylene ether resin and high molecular weight alkenyl aromatic resins modified with EPDM rubber](#)
- 3373 [4,101,460](#) **T** [High performance ion exchange composition](#)
- 3374 [4,097,935](#) **T** [Hydroxylapatite ceramic](#)
- 3375 [4,094,706](#) **T** [Preparation of zirconium alloys](#)
- 3376 [4,086,001](#) **T** [Planar optical waveguide](#)
- 3377 [4,069,068](#) **T** [Semiconductor fabrication method for improved device yield by minimizing pipes between common conductivity type regions](#)
- 3378 [4,067,756](#) **T** [High strength, high ductility low carbon steel](#)
- 3379 [4,067,734](#) **T** [Titanium alloys](#)
- 3380 [4,053,335](#) **T** [Method of gettering using backside polycrystalline silicon](#)
- 3381 [4,049,478](#) **T** [Utilization of an arsenic diffused emitter in the fabrication of a high performance semiconductor device](#)
- 3382 [4,046,720](#) **T** [Crosslinked, porous, polyacrylate beads](#)
- 3383 [4,042,615](#) **T** [Hydrocarbon synthesis from CO and H.sub.2 using Ni supported on a titanium oxide](#)
- 3384 [4,042,614](#) **T** [Hydrocarbon synthesis from CO and H.sub.2 using Ru supported on a titanium oxide](#)
- 3385 [4,038,543](#) **T** [Scanning transmission electron microscope including an improved image detector](#)
- 3386 [4,038,216](#) **T** [Material and method of making secondary-electron emitters](#)
- 3387 [4,035,316](#) **T** [Cell specific, variable density, polymer microspheres](#)
- 3388 [4,029,718](#) **T** [Pivalolactone random graft copolymers](#)
- 3389 [4,028,149](#) **T** [Process for forming monocrystalline silicon carbide on silicon substrates](#)
- 3390 [4,018,626](#) **T** [Impact sound stressing for semiconductor devices](#)
- 3391 [4,004,449](#) **T** [Impact sound stressing for semiconductors](#)
- 3392 [3,997,368](#) **T** [Elimination of stacking faults in silicon devices: a gettering process](#)
- 3393 [3,985,632](#) **T** [Small, porous polyacrylate beads](#)
- 3394 [3,977,993](#) **T** [Metal oxide aerogels](#)
- 3395 [3,962,716](#) **T** [Reduction of dislocations in multilayer structures of zinc-blend materials](#)
- 3396 [3,958,207](#) **T** [Injection current device and method](#)
- 3397 [3,957,741](#) **T** [Crosslinked, porous, polyacrylate beads](#)
- 3398 [3,944,332](#) **T** [Optical sensitization and development of liquid crystalline devices](#)
- 3399 [3,939,346](#) **T** [Gain photo-current enhancement method](#)